Human Genetics

Editorial Board

W. Lenz, Münster

A. G. Motulsky, Seattle

F. Vogel, Heidelberg

U. Wolf, Freiburg i. Br.

Advisory Board

G. Anders, Groningen

H. Baitsch, Ulm

A. G. Bearn, New York

H. Bickel, Heidelberg

N. P. Bochkov, Moskau

D. Bootsma, Rotterdam

K. H. Degenhardt, Frankfurt/M.

W. Fuhrmann, Giessen

H. Grüneberg, London

B. Hassenstein, Freiburg i. Br.

K. Hirschhorn, New York

W. Jaeger, Heidelberg

D. Klein, Genève

E. Krah, Heidelberg

W. Krone, Ulm

H. Lehmann, Cambridge

V. A. McKusick, Baltimore

M. Mikkelsen, Glostrup

H. Nachtsheim, Boppard

A. Prader, Zürich

H. Ritter, Tübingen

C. Ropartz, Bois-Guillaume

W. Schmid, Zürich

U. W. Schnyder, Heidelberg

W. J. Schull, Ann Arbor

H. G. Schwarzacher, Wien

C. Stern, Berkeley

H. E. Sutton, Austin

Volume 38 · 1977



Springer International

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproduction, also in microform, is transferred to the publisher.

The use in this journal of registered or trade names, trademarks etc. without special acknowledgement does not imply that such names, as defined by the relevant protection laws, may be regarded as unprotected and thus free for general use.

Springer-Verlag Berlin · Heidelberg · New York

Printed in Germany by J. P. Peter, Gebr. Holstein, Rothenburg o. d. Tbr.

© by Springer-Verlag Berlin · Heidelberg 1977

Artmann, F., Wagenblicher, F., Schaller, A.: A Casulstic Report on the Gruber or Meckel Syndrome (Clinical Case Report). Arima, M., s. Suzuki, Y., et al. Atkin, N. B., Pickthall, V. J.: Chromosomes 1 in 14 Ovarian Cancers. Heterochromatin Variants and Structural Changes (Orig. Invest.). Aubert, L., s. Mattei, J. F., et al.	357 337 25 39
Balíček, P., Žižka, J., Skalská, H.: Length of Human Constitutive Heterochromatin in Relation to Chromosomal Contraction (Orig. Invest.)	189 245
Report) Bender, K., Mauff, G., Hitzeroth, H. W.: No Evidence for Linkage Disequilibrium between Bf and GLO in African Negroids (Orig. Invest.)	113 227
Bender, K., Frank, R., Hitzeroth, H. W.: Glyoxalase I Polymorphism in South African Bantu-Speaking Negroids (Orig. Invest.)	223
van den Berghe, H., s. Fryns, J. P., et al	343
van den Berghe, H., s. Fryns, J. P., et al	147
Besserman, A. M., s. Weinberg, A. G., et al	157
Bijlsma, J. B., s. Breuning, M. H., et al	7
Bilbeissi, C., s. Chamla, Y., et al	245
Bogomazov, E. A., s. Kuliev, A. M., et al	137
Bois, E., s. Tchen, P., et al	163
Bósze, P., s. László, J., et al	351
Fumarate Hydratase (FH; E.C. 4.2.1.2) in Partial Trisomy 1 (Orig. Invest.) Breuning, M. H., Bijlsma, J. B., de France, H. F.: Partial Trisomy 6p due to Familial Translocation t(6;20) (p21;p13). A New Syndrome? (Orig. Invest.)	65
Brøgger, A., s. Waksvik, H., et al	195
Cann, H. M., s. Schröder, J., et al	91
Carrel, R. E., s. Sparkes, R. S., et al	365
a 9,21 Translocation (Clinical Case Report)	245 325
Cleve, H., Patutschnick, W.: The Vitamin D Binding of the Common and Rare Variants	000
of the Group-Specific Component (Gc). An Autoradiographic Study (Orig. Invest.).	289 271
Crossen, P. E., s. Morgan, W. F	157
Currarino, G., s. Weinberg, A. G., et al	131
Dallapiccola, B., Santoro, L., Trabace, S., Ramenghi, M., Mastroiacova, P., Gandini, E.: Deltion of the Long Arm of Chromosome 8 Resulting from a de novo Translocation t(4;8)(q13;q213) (Orig. Invest.)	125
Dosik, H., s. Verma, R. S., et al	231 209
Engel, W., Zenzes, M. T., Schmid, M.: Activation of Mouse Ribosomal RNA Genes at the 2-Cell Stage (Orig. Invest.)	57
Engel, W., s. Schmid, M., et al	279 49

Feingold, J., s. Tchen, P., et al.	163
de France, H. F., s. Breuning, M. H., et al	223
Frank, R., s. Bender, K., et al	
Survival in a Case of Full Triploidy of Maternal Origin (Orig. Invest.)	147
Fryns, J. P., Melchoir, S., Jaeken, J., van den Berghe, H.: Partial Monosomy of the	
Long Arm of Chromosome 16 in a Malformed Newborn: Karyotype 46, XX, del(16)	
(q21) (Clinical Case Report)	343
Gaál, M., s. László, J., et al	351
Gandini, E., s. Dallapiccola, B., et al	125
Gebauer, J., s. Hansmann, I., et al	1
Genz, Th., Martin, JP., Cleve, H.: Classification of a ₁ -Antitrypsin (Pi) Phenotypes by Isoelectrofocusing. Distinction of Six Subtypes of the PiM Phenotype (Orig. Invest.)	325
German, J., s. Hand, R	297
Giraud, F., s. Mattei, J. F., et al	39
Goddeeris, P., s. Fryns, J. P., et al	147
Gold, R. J. M., s. Tammis-Hadjopoulos, M., et al	315
González, J. T., s. Yunis, E., et al	347
Grimm, T., s. Hansmann, I., et al	1
Grinberg, K. N., s. Kuliev, A. M., et al	137
Hagemeijer, A., Smit, E. M. E.: Partial Trisomy 21. Further Evidence that Trisomy of	- 4 ~
Band 21q22 is Essential for Down's Phenotype (Orig. Invest.)	15 113
Helminen, E., s. Knuutila, S., et al.	77
Hand, R., German, J.: Bloom's Syndrome: DNA Replication in Cultured Fibroblasts	
and Lymphocytes (Orig. Invest.)	297
Hansmann, I., Wiedeking, C., Grimm, T., Gebauer, J.: Reciprocal or Nonreciprocal	
Human Chromosome Translocations? (Orig. Invest.)	1
Hanson, J. W., s. Beighle, C., et al	113
Harada, S., Miyake, K., Suzuki, H., Oda, T.: New Phenotypes of Serum a ₁ -Antitrypsin in Japanese Detected by Gel Slab Isoelectric Focusing (Orig. Invest.)	333
Havelec, L., s. Thalhammer, O., et al	285
Hitzeroth, H. W., s. Bender, K., et al	223
Hitzeroth, H. W., s. Bender, K., et al	227
Hobbs, A., Seabright, M., Mould, S.: Two Cases of Trisomy 21 and One XXY Case with	
Atypical Clinical Features (Clinical Case Report)	239
Hoehn, H., s. Beighle, C., et al	113
	279
Jaeken, J., s. Fryns, J. P., et al	343
Kaiser, McCaw, B., Latt, S. A.: X-Chromosome Replication in Parthenogenic Benign	
Ovarian Teratomas (Orig. Invest.)	253
Karp, L. E., s. Beighle, C., et al.	163
van de Kerckhove, A., s. Fryns, J. P., et al.	113 147
Kihara, H., s. Sparkes, R. S., et al	365
Kling, H., s. Braunger, R., et al	65
Knoll, E., s. Thalhammer, O., et al.	285
Knuutila, S., Helmmen, E., Knuutila, L., Leisti, S., Siimes, M., Tammisto, P. Wester	
marck, T.: Role of Clozapine in the Occurrence of Chromosomal Abnormalities in Human Bone-Marrow Cells in vivo and in Cultured Lymphocytes in vitro (Orig. In-	
	-
Knuutila, L., s. Knuutila, S., et al.	77
Krietsch, W. K. G., s. Schwab, A. J.	217
Krone, W., s. Braunger, R., et al.	65
Runni, P., Schwabenland, R., Spielmann, W.: Investigations on the Polymorphism of	
Glyoxalase I (EC 4.4.1.5) in the Population of Hessen, Germany (Orig. Invest.)	99

Kukharenko, V. I., s. Kuliev, A. M., et al	137 137
Phenotype at the Cellular Level (Orig. Invest.)	137 107
László, J., Gaál, M., Bósze, P.: Nonmosaic 46, X,r(Y) Karyotype with Female Phenotype (Clinical Case Report)	351 253
Leisti, S., s. Knuutila, S., et al	77 49
ters)	363 35 231
Lucas, C., s. Mattei, J. F., et al	39 315 325
Massi, G., Vecchio, F. M.: Alpha-1-Antitrypsin Phenotypes in a Group of Newborn Infants in Somalia (Orig. Invest.)	265 125
Matsubara, T., s. Suzuki, Y., et al	337 107 307
with Mosaicism for a Dicentric X Chromosome $(45,X/46,X,dic(X)(Xqter \rightarrow p22::p22 \rightarrow qter))$ (Orig. Invest.)	39 39
Mauff, G., s. Bender, K., et al	227 343 315
Micheau, M., s. Chamla, Y., et al	245
Trisomy 21 (Orig. Invest.)	183 333 271
Mould, S., s. Hobbs, A., et al	239 365
Nakagome, Y., Oka, S., Matsunaga, E.: LBA Technique in the Detection of Chromosome Variants. II. Chromosomes Except for Those with Q Variants (Orig. Invest.)	307 337 107
Nakai, H., s. Kuroki, Y., et al	235
Nielsen, J., s. Lønberg, N. C	363 175
Oda, T., s. Harada, S., et al	333 307 337

VI

Olert, J., s. Braunger, R., et al	65 337
Patil, S. R., Lubs, H. A.: Classification of qh Regions in Human Chromosomes 1, 9, and 16 by C-Banding (Orig. Invest.)	35 289
Philipp, J., s. Lønberg, N. C., et al	49 25
Ramenghi, M., s. Dallapiccola, B., et al	125 209 209
Rosa, J., s. Rosa, R., et al	209
Saldaña-Garcia, P., s. Lønberg, N. C., et al	49 125 357
pression of Ribosomal RNA Genes during Male Gametogenesis (Orig. Invest.) Schmid, M., s. Braunger, R., et al	279 65 57
Schnedl, W., s. Mikelsaar, AV., et al	183
Response of Fetal Cells in Maternal Blood to Mitogens and Mixed Leukocyte Culture (Orig, Invest.)	91
Schröder, E., s. Schröder, J., et al	91 217
Schwabenland, R., s. Kühnl, P., et al	99
Scriver, C. R., s. Tammis-Hadjopoulos, M., et al	315 239
Siimes, M., s. Knuutila, S., et al	77 189
Smit, E. M. E., s. Hagemeijer, A	15
Banding Analysis of a Culture Derived from Tissue Frozen for 10 Years (Letters). Spielmann, W., s. Kühnl, P., et al	365 99
Suzuki, H., s. Harada, S., et al	195 333
(13q;18q) Translocation with Proximal 13q Monosomy (Clinical Case Report) Tammis-Hadjopoulos, M., Gold, R. J. M., Maag, U. R., Metrakos, J. D., Scriver, C. R.:	337
Improved Detection of β -Thalassaemia Carriers by a Two-Test Method (Orig. Invest) Tammisto, P., s. Knuutila, S., et al	315 77
Tchen, P., Bois, E., Feingold, J., Kaplan, J.: Inbreeding in Recessive Diseases (Orig. Invest.)	39 163
Thalhammer, O., Havelec, L., Knoll, E., Wehle, E.: Intellectual Level (IQ) in Heterozygotes for Phenylketonuria (PKU). Is the PKU Gene Also Acting by Means Other Than Phenylalanine-Blood Level Elevation? (Orig. Invest.)	
Torres de Caballero, O. M., s. Yunis, E., et al.	285 347
Trabace, S., s. Dallapiccola, B., et al Tropp, M. R., Currie, M.: Mosaic Trisomy 9: Two Additional Cases (Orig. Invest.) . Tsuboi, T.: Genetic Aspects of Febrile Convulsions (Orig. Invest.)	125 131 169
Valentin, C., s. Rosa, R., et al	209 265

Verma, R. S., Dosik, H., Lubs, H. A.: Size Variation Polymorphisms of the Short Arm of Human Acrocentric Chromosomes Determined by R-Banding by Fluorescence	
	231
Wagenblieher, P., s. Altmann, P., et al	357
Wagenblicher, P., s. Mikelsaar, AV., et al	183
Waksvik, H., Brøgger, A., Stene, J.: Psoralen/UVA Treatment and Chromosomes. I. Aberrations and Sister Chromatid Exchange in Human Lymphocytes in vitro and	
Synergism with Caffeine (Orig. Invest.)	195
Wehle, E., s. Thalhammer, O., et al	285
Weinberg, A. G., Currarino, G., Besserman, A. M.: Hirschsprung's Disease and Con-	
genital Deafness. Familial Association (Orig. Invest.)	157
Westermarck, T., s. Knuutila, S., et al	77
Wiedeking, C., s. Hansmann, I., et al	1
Yamamoto, Y., s. Kuroki, Y., et al	107
Yokota, S., s. Kuroki, Y., et al	107
Yunis, E., González, J. T., Torres de Caballero, O. M.: Partial Trisomy 16q— (Clinical	
Case Report)	347
Zenzes, M. T., s. Engel, W., et al	57
Zenzes, M. T., s. Schmidt, M., et al	279
Žižka, J., s. Baliček, P., et al	189

Indexed in Current Contents

